



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

15W

In re: Application of

Chapman, et al.

Serial No.: 10/808,101

Filed: March 24, 2004

For: **Method and Apparatus for Time-Based
DC Motor Commutation**

Attorney's Docket No. 4015-5097

Examiner TBA
Group Art Unit TBA

Raleigh, North Carolina
June 24, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Information Disclosure Statement

Sir:

Attached hereto is an information disclosure statement (PTO-1449). This IDS is being submitted before any action on the merits. As such, no fee is required. However, if fees are required, please deduct from our Deposit Account No. 18-1167.

Respectfully submitted,

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FORM PTO-1449
**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION PURSUANT TO
37 CFR §1.97 & 1.98**

Docket Number: Serial Number:

2003-0828.02/4670-268 10/808,101

Applicant:

Chapman, et al.

Filing Date:

March 24, 2004

Group:

U. S. PATENT DOCUMENTS

Examiner Initial	Patent No.	Date	Name	Class	Subcl	Filing Date If Approp.
A	6,308,036	2001	Taniyama et al.			
B	6,298,217	2001	Murayama et al.			
C	6,266,511	2001	Murakami et al.			
D	6,154,619	2000	Boockholdt et al.			
E	6,014,541	2000	Kato et al.			
F	5,995,774	1999	Applegate et al.			
G	5,937,235	1999	Huss et al.			
H	5,937,235	1999	Huss et al.			
I	5,933,690	1999	Sugimoto et al.			
J	5,923,931	1999	Kishimoto			
K	5,918,085	1999	Rollins et al.			
L	5,875,382	1999	Inoue			
M	5,708,952	1998	Taniguchi et al.			
N	5,634,186	1997	Villalobos-Garcia et al.			
O	5,594,541	1997	Bonislowski, Jr. et al.			
P	5,585,894	1996	Araya et al.			
Q	5,541,714	1996	Watanabe et al.			
R	5,534,988	1996	Gerbasi			
S	5,500,716	1996	Morishita et al.			
T	5,444,522	1995	Owens, Jr.			
U	5,440,376	1995	Hagihara			
V	5,383,578	1995	Nishimura			
W	5,355,199	1994	Bray			
X	5,341,199	1994	Thorp et al.			
Y	5,309,211	1994	Yoshioka			
Z	5,260,755	1993	Imaizumi			
IAA	5,138,394	1992	Watanabe et al.			
IBB	5,132,740	1992	Okamoto et al.			
ICC	5,130,756	1992	Taniyama			
IDD	5,128,724	1992	Hayashi et al.			
IEE	5,113,227	1992	Miyasaka			
IFF	5,038,180	1991	Niki			
IGG	5,031,001	1991	Kusumoto			
IHH	4,985,734	1991	Honda et al.			
II	4,982,231	1991	Matsuuchi			
IJJ	4,974,031	1990	Koiso et al.			
IKK	4,958,196	1990	Fujii et al.			
ILL	4,941,022	1990	Ohmura et al.			

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| Chapman, et al.Filing Date: | Group:
| March 24, 2004 |U. S. PATENT DOCUMENTS (Cont'd.)

Examiner						Filing Date		
Initial		Patent No.	Date	Name	Class	Subcl	If Approp.	
	IMMI	4,891,678	1990	Ishizu et al.				
	INNI	4,870,449	1989	Brown				
	IOOI	4,849,791	1989	Hagihara et al.				
	IPPI	4,819,578	1989	Koiso et al.				
	IQQI	4,819,030	1989	Shibano				
	IRRI	4,711,561	1987	Tsuruoka				
	ISSI	4,660,960	1987	Fukunaga et al.				
	ITTI	4,650,312	1987	Vineski				
	IUUI	4,630,653	1986	Kan				
	IVVI	4,627,716	1986	Oka				
	IWWI	4,601,569	1986	Garris				
	IXXI	4,593,997	1986	Fox et al.				
	IYYI	4,530,594	1985	Adachi				
	IZZI	4,436,413	1984	Oka				
	IAAI	4,281,918	1981	Fortmann				
	IBBI	4,251,155	1981	Schnall et al.				
	ICCI	4,030,824	1977	Smith				
	IDDI	4,029,047	1977	Bell				
	IEEI	3,927,937	1975	de Keyzer				
	IFFFI	3,924,566	1975	Dennie				
	IGGI	3,483,679	1969	Balbierer				

FOREIGN PATENT DOCUMENTS

						Translation	
		Patent No.	Date	Name	Class	Subcl	Yes No

OTHER DOCUMENTS (including author, title, date, pages, etc.)

IHHH	US 2003/0044192 A1; Brown et al.; Serial Drive Sensing Fault Cleaning Device
	Detector; Mar. 6, 2003

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation not in conformance and not considered. Include copy of this form with next communication to the applicant.